

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20020018454".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 15:08
L3	2	"6963546".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 16:01
L4	2	"20050281214".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 16:04
L5	0	("2005/0281214").URPN.	USPAT	OR	ON	2007/02/27 16:09
L6	0	("2005/0281214").URPN.	USPAT	OR	ON	2007/02/27 16:21
L7	16	("20010026578" "5646964" "5673288" "5790549" "5835541" "5854784" "5933423" "6009334" "6032052" "6088324" "6240099" "6301293" "6466566" "6570863" "6665334").PN. OR ("6963546"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 16:21
L8	0	((multiuser adj (user or acces) adj interference) or MAI) same ((received adj vector) with (segment))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 17:10
L9	1	((multiuser adj (user or acces) adj interference) or MAI) and ((received adj vector) with (segment))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 17:10

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L10	0	((multiuser adj (user or acces) adj interference) or MAI) and ((received adj vector) with (segment))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 17:10
L11	0	((multiuser adj (user or acces) adj interference) or MAI) and ((received adj vector) and (segment))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 17:11
L12	7	((multiuser adj (user or acces) adj interference) or MAI) and ((received adj vector) and (segment)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 20:06
L14	7415	370/335	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 19:57
L15	1785	370/336	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 19:57
L16	2009	375/229	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 19:58
L17	3558	375/130	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 19:58

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L18	92	((multiuser adj (user or acces) adj interference) or MAI) and ((received with vector) and (segment or burst)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 20:00
L19	52	((multiuser adj (user or acces) adj interference) or MAI) and ((received adj vector)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 20:04
L20	18	19 and 14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 20:04
L21	2	19 and 15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 20:04
L22	1	19 and 16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 20:04
L23	3	19 and 17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 20:04
L24	2	"20060193374".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 20:22

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L25	2	"20030219064".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 20:14
L26	2	"6757321".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 20:18
L27	1	"20070033244".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 20:19
L28	2	"20030219064".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 20:19
L29	2	"20040247018".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 20:20
L30	2	"20040223538".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 20:21
L31	2	"5913188".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 20:21

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L32	2	"6757321".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 20:22
S1	1	"10/396118"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 08:40
S2	1	10/748544	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 13:35
S3	6	("5933423" "6075808" "6426983"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 13:37
S4	1	((multiuser adj (user or acces) adj interference) or MAI) and ((received adj vector) with (segment or chip)) and (determin\$3 adj symbol) and (determin\$3 adj symbol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 15:06
S5	33	((multiuser adj (user or acces) adj interference) or MAI) and ((received adj vector) with (segment or chip))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/27 17:09

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[3], talked of the need to exploit the structure of **MAI** to apply **MUD** using ... frequency assignment, which is typically a 5MHz **segment** of spectrum. ...

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Karimi, Hamid Reza / Mullany, Francis Joseph / Sandell, Magnus, EUROPEAN PATENT APPLICATION, Aug 2001

...access interference (**MAI**). This greatly complicates...separate estimates of the **MAI** contributed by each user...out some or all of the **MAI** seen by each user. In...multi-user detection (**MUD**) CDMA receiver, is reduced. A time- sampled signal **segment** received at a base-transceiver...user symbols, given the **received vector** r and the matrix A . The...

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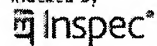
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- ☐ 1. **Multibeam cellular mobile communications with dynamic channel assign**
Jung-Lin Pan; Djuric, P.M.;
[Vehicular Technology, IEEE Transactions on](#)
Volume 51, Issue 5, Sept. 2002 Page(s):1252 - 1258
Digital Object Identifier 10.1109/TVT.2002.801745
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Jung-Lin Pan; Jaeyoung Kwak; Bultan, A.; Yuejin Huang; Grieco, D.;
[Personal, Indoor and Mobile Radio Communications, 2004. PIMRC 2004. 15th International Symposium on](#)
Volume 2, 5-8 Sept. 2004 Page(s):1287 - 1291 Vol.2
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- ☐ 3. **A computationally efficient hybrid of joint detection and successive inter cancellation**
Misra, R.M.; Jung-Lin Pan; Zeira, A.;
[Vehicular Technology Conference, 2001. VTC 2001 Spring. IEEE VTS 53rd](#)
Volume 3, 6-9 May 2001 Page(s):1784 - 1788 vol.3
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- ☐ 4. **Low complexity data detection using fast Fourier transform decompositio correlation matrix**
Jung-Lin Pan; De, P.; Zeira, A.;
[Global Telecommunications Conference, 2001. GLOBECOM '01. IEEE](#)
Volume 2, 25-29 Nov. 2001 Page(s):1322 - 1326 vol.2
Digital Object Identifier 10.1109/GLOCOM.2001.965704
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- ☐ 5. **A multibeam medium access scheme for multiple services in wireless cel communications**
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6. **A simulation model of combined handoff initiation and channel availability for mobile communications**

Jung-Lin Pan; Djuric, P.M.; Rappaport, S.S.;

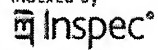
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 Zeira, A.; Zeira, E.M.; Holland, S.K.;
Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on
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 Digital Object Identifier 10.1109/58.285469
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- ☐ 2. **Frequency domain Cramer-Rao bound for Gaussian processes**
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 Volume 38, Issue 6, June 1990 Page(s):1063 - 1066
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- ☐ 3. **Wear characteristic dependence of carbon overcoats on target material**
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 Digital Object Identifier 10.1109/20.50527
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- ☐ 4. **Realizable lower bounds for time delay estimation**
 Zeira, A.; Schultheiss, P.M.;
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- ☐ 5. **Realizable lower bounds for time delay estimation. 2. Threshold phenom**
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- 6. **Direction finding with time-varying arrays**
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- 7. **Oversampled Gabor representation for transient signals**
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[Signal Processing, IEEE Transactions on \[see also Acoustics, Speech, and Signal Processing\]](#)
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- 8. **Detection of broadband signals in frequency and time dispersive channels**
Friedlander, B.; Zeira, A.;
[Signal Processing, IEEE Transactions on \[see also Acoustics, Speech, and Signal Processing\]](#)
Volume 44, Issue 7, July 1996 Page(s):1613 - 1622
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- 9. **Eigenstructure-based algorithms for direction finding with time-varying arrays**
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- 10. **Direction of arrival estimation using parametric signal models**
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- 11. **A low bias algorithm to estimate negative SNRs in an AWGN channel**
Bin Li; DiFazio, R.; Zeira, A.;
[Communications Letters, IEEE](#)
Volume 6, Issue 11, Nov. 2002 Page(s):469 - 471
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- 12. **New results on SNR estimation of MPSK modulated signals**
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Volume 3, 7-10 Sept. 2003 Page(s):2373 - 2377 vol.3
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13. **Outer loop power control using channel-adaptive processing for 3G WCDMA**
Chang-Soo Koo; Sung-Hyuk Shin; DiFazio, R.A.; Grieco, D.; Zeira, A.;
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14. **Pathloss-aided closed loop transmit power control for 3G UTRA TDD**
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Volume 4, 22-25 April 2003 Page(s):2226 - 2230 vol.4
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15. **Fast permutation based time slot allocation for 3G WCDMA TDD systems**
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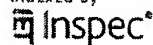
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... input and randomize data streams including a **plurality of segments** having at least one ... The baseband signal is sampled to produce a **received vector**. ...

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Publication	28.10.2004	Later publication of international search report (A3 44/2004)	3 pages	HTML XML PDF ZIP
Pr. Doc.	16.09.2004	US 10/748,544 30.12.2003	28 pages	PDF ZIP
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... and wherein said segmenter is arranged to define a **plurality of segments** ... If the **received vector** X is point 161 in FIG. 25, then $P(X|I=r;S,\epsilon)$

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- ☐ 1. [SEGMENT-WISE CHANNEL EQUALIZATION BASED DATA ESTIMATION](#)
PAN, Jung-Lin / ZEIRA, Ariela, PATENT COOPERATION TREATY APPLICATION, Dec 2003
...processing the **received vector** to produce a **plurality of segments**;
processing...processing! the **received vector** to produce a **plurality of segments** and
for processing...processing the **received vector** to produce a **plurality of segments**;
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Pan, Jung-Lin / Zeira, Ariela, UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION, Nov 2003
...processing the **received vector** to produce a **plurality of segments**;
processing...processing the **received vector** to produce a **plurality of segments** and
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Tzirkel-Hancock, Eli, UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Jun 1999
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